Anti-Cytokeratin 19 Antibody [SPM561] - BSA and Azide free (A252391)

Specifications:

Name:	Anti-Cytokeratin 19 Antibody [SPM561] - BSA and Azide free
Description:	Mouse monoclonal [SPM561] antibody to Cytokeratin 19.
Specificity:	This antibody reacts with the rod domain of human cytokeratin 19 (CK19), a polypeptide of 40kDa. CK19 is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.
Applications:	WB, Flow Cytometry, IF, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Mouse
Immunogen:	Human mammary epithelial organoids.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SPM561
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Cytokeratin 19 Antibody [SPM561] (A249211).

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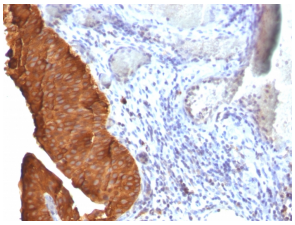
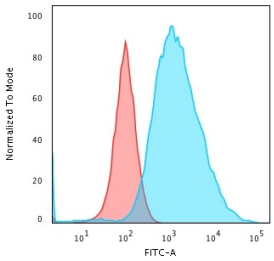
Specifications continued:

Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

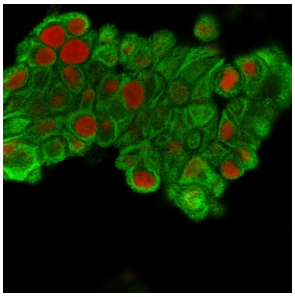
Images:



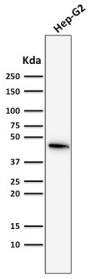
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human bladder carcinoma using Anti-Cytokeratin 19 Antibody [SPM561].



Flow cytometric analysis of methanol fixed MCF-7 cells using Anti-Cytokeratin 19 Antibody [SPM561] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



Immunofluorescent analysis of methanol fixed MCF-7 cells stained with Anti-Cytokeratin 19 Antibody [SPM561] followed by Goat Anti-Mouse IgG (CF® 488) (Green). The nuclear counterstain is RedDot (Red).



Western blot analysis of HepG2 cell lysate using Anti-Cytokeratin 19 Antibody [SPM561].